



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4 Attorney Docket Number 26869T-001400US

Complete If Known

Application Number	10/633,480
Filing Date	September 15, 2003
First Named Inventor	Kiyoshi Honda
Art Unit	2189
Examiner Name	Christian Chase
Attorney Docket Number	26869T-001400US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CHC	1	6,883,064	04-19-2005	Yoshida et al.	
	2	2005/0081009	04-14-2005	Williams et al.	
	3	6,876,658	04-05-2005	Brewer et al.	
	4	2005/0055501	03-10-2005	Guha et al.	
	5	6,851,020	02-01-2005	Matsumoto et al.	
	6	2005/0010743	01-13-2005	Tremblay et al.	
	7	2004/0260875	12-23-2004	Murotani et al.	
	8	2004/0260966	12-23-2004	Kaiya et al.	
	9	6,826,778	11-30-2004	Bopardikar et al.	
	10	2004/0230980	11-18-2004	Koyama et al.	
	11	6,816,948	11-09-2004	Kitamura et al.	
	12	6,799,255	09-28-2004	Blumenuau	
	13	2004/0172510	09-02-2004	Nagashima et al.	
	14	2004/0158673	08-12-2004	Matsunami et al.	
	15	2004/0158652 A1	08-12-2004	Obara	
	16	2004/0148443	07-28-2004	Achiwa	
	17	2004/0143832	07-22-2004	Yamamoto et al.	
	18	2004/0123180	06-24-2004	Soejima et al.	
	19	6,745,281	06-01-2004	Saegusa	
	20	2004/0098547 A1	05-20-2004	Ofek et al.	
	21	2004/0073831 A1	04-15-2004	Yanai et al.	
	22	2004/0054850	03-18-2004	Fisk et al.	
	23	6,708,232	03-16-2004	Obara	
	24	2004/0049553	03-11-2004	Iwamura et al.	
	25	6,697,367	02-24-2004	Halstead et al.	
	26	6,684,310	01-27-2004	Anzai et al.	
	27	6,681,303	01-20-2004	Watabe et al.	
	28	6,675,268	01-06-2004	DeKonig et al.	
	29	2004/0003022	01-01-2004	Garrison et al.	
	30	2003/0229764 A1	12-11-2003	Ohno et al.	
	31	2003/0221077	11-27-2003	Ohno et al.	
	32	6,654,830	11-25-2003	Taylor et al.	
	33	2003/0212854	11-13-2003	Kitamura et al.	
	34	6,647,476	11-11-2003	Nagasawa et al.	
	35	2003/0204597	10-30-2003	Arakawa et al.	

Examiner Signature	CHC	Date Considered	6/4/06
--------------------	-----	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

60720148 v1

Copied from 10633480 on 06/15/2006

Substitute for form 1449A/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/633,480
<i>(Use as many sheets as necessary)</i>				Filing Date	September 15, 2003
				First Named Inventor	Kiyoshi Honda
				Art Unit	2189
				Examiner Name	Christian Chase
Sheet	2	of	4	Attorney Docket Number	
26869T-001400US					

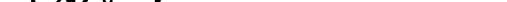
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
(SPC)	36	6,640,278	10-28-2003	Nolan et al.	
	37	6,640,291	10-28-2003	Fujibayashi	
	38	2003/0182525	09-25-2003	O'Connell	
	39	2003/0163553 A1	08-28-2003	Kitamura et al.	
	40	2003/0145169	07-31-2003	Nagasawa	
	41	6,598,134	07-22-2003	Ofek et al.	
	42	2003/0126327	07-03-2003	Pesola et al.	
	43	8,587,935	07-01-2003	Ofek	
	44	2003/0105931 A1	06-05-2003	Weber et al.	
	45	6,560,673	05-06-2003	Elliot	
	46	6,553,408	04-22-2003	Merrell et al.	
	47	6,523,096	02-18-2003	Sanada et al.	
	48	2002/0194428 A1	12-19-2002	Green	
	49	2002/0194523	12-19-2002	Ulrich et al.	
	50	2002/0178328	11-28-2002	Honda et al.	
	51	6,484,173	11-19-2002	O'Hare et al.	
	52	6,480,834	11-12-2002	Hino et al.	
	53	2002/0156887	10-24-2002	Hashimoto	
	54	6,457,109	09-24-2002	Milillo et al.	
	55	6,457,139	09-24-2002	D'Errico et al.	
	56	6,453,354	09-17-2002	Jiang et al.	
	57	6,446,141	09-03-2002	Nolan et al.	
	58	2002/0087751	07-04-2002	Chong	
	59	6,363,462	03-16-2002	Bergsten et al.	
	60	6,356,977	03-12-2002	Ofek et al.	
	61	2002/0004890 A1	01-10-2002	Ofek et al.	
	62	2002/0004857	01-10-2002	Arakawa et al.	
	63	2001/0050915 A1	12-13-2001	Ohare et al.	
	64	2001/0052018	12-13-2001	Yokokura	
	65	6,240,486	05-29-2001	Ofek et al.	
	66	6,240,494	05-29-2001	Nagasaki et al.	
	67	6,230,239	05-08-2001	Sakaki et al.	
	68	6,218,753	04-17-2001	Richardson	
	69	6,209,002	03-27-2001	Gagne et al.	
	70	6,108,748	08-22-2000	Ofek et al.	

Examiner Signature		Date Considered	6/4/06
--------------------	--	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p>				<i>Complete if Known</i>	
				Application Number	10/633,480
				Filing Date	September 15, 2003
				First Named Inventor	Kiyoshi Honda
				Art Unit	2189
				Examiner Name	Christian Chase
Sheet	3	of	4	Attorney Docket Number	26869T-001400US

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
CC	84	JP	2002-230246	A	08-16-2002	Hitachi Ltd.	
	85	JP	2002-157091	A	05-31-2002	Hitachi Ltd.	
	86	JP	2001-067187	A	03-16-2001	Hitachi Ltd.	
	87	JP	2000-293317	A	10-20-2000	Hitachi Ltd.	
	88	JP	11-085980	A	03-09-1999	Hitachi, Ltd.	
	89	JP	10-283272	A	10-23-1998	Hitachi Ltd.	
	90	EP	0670551	A1	09-06-1995	IBM Corp.	

Examiner Signature		Date Considered	6/4/06
--------------------	---	-----------------	--------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO				Complete if Known	
				<i>Application Number</i>	10/633,480
				<i>Filing Date</i>	September 15, 2003
				<i>First Named Inventor</i>	Kiyoshi Honda
				<i>Art Unit</i>	2189
				<i>Examiner Name</i>	Christian Chase
Sheet	4	of	4	<i>Attorney Docket Number</i>	26869T-001400US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	91	MEGGYESI "Fibre Channel Overview," High Speed Interconnect project European Laboratory of Particle Physics (CERN) web page http://hsi.web.cern.ch (August 1994).			<input type="checkbox"/>

Examiner Signature		Date Considered	8/4/06
--------------------	---	-----------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

4

Complete if Known

Application Number	10/668,480
Filing Date	September 15, 2003
First Named Inventor	Kiyoshi Honda
Art Unit	2189
Examiner Name	Christian Chase
Attorney Docket Number	26869T-001400US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CHC	1	6,976,103	12-13-2005	Watanabe et al.	
	2	6,973,549	12-08-2005	Testardi et al.	
	3	6,922,761	07-26-2005	O'Connell et al.	
	4	2005/0138184	08-23-2005	Amir et al.	
	5	6,857,057	02-15-2005	Nelson et al.	
	6	2005/0033878	02-10-2005	Pangal et al.	
	7	2005/0010734	01-13-2005	Soejima et al.	
	8	2004/0111485	08-10-2004	Mimatsu et al.	
	9	2004/0084610	04-01-2004	Fukuzawa et al.	
	10	2004/0084641	04-01-2004	Kodama	
	11	6,681,339	01-20-2004	McKean et al.	
	12	6,675,258	01-06-2004	Bramhall et al.	
	13	2003/0229845	12-11-2003	Mogi et al.	
	14	6,654,831	11-25-2003	Otterness et al.	
	15	2003/0212860	11-13-2003	Jiang et al.	
	16	6,647,414	11-11-2003	Yanai et al.	
	17	6,640,278	10-28-2003	Nolan et al.	
	18	2003/0200387	10-23-2003	Urabe et al.	
	19	2003/0167419	09-04-2003	Yanai et al.	
	20	2003/0158999	08-21-2003	Hauck et al.	
	21	2003/0145168	07-31-2003	LeCrone et al.	
	22	2003/0115218	06-19-2003	Bobbitt et al.	
	23	2003/0115432	06-19-2003	Biessener et al.	
	24	2003/0101228	05-29-2003	Busser et al.	
	25	2003/0097607	05-22-2003	Bessire	
	26	2003/0056038	03-20-2003	Cochran	
	27	2003/0051109	03-13-2003	Cochran	
	28	6,529,976	03-04-2003	Fukuzawa et al.	
	29	2003/0037071	02-20-2003	Harris et al.	
	30	2002/0019922	12-14-2002	Reuter et al.	
	31	2002/0188592	12-12-2002	Leonhardt et al.	
	32	6,490,659	12-03-2002	McKean et al.	
	33	2002/0178335	11-28-2002	Selkirk et al.	
	34	2002/0156984	10-24-2002	Padovano	
	35	2002/0156987	10-24-2002	Gajjar, et al.	

Examiner Signature

Date Considered

6/4/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

60733794 v1

Copied from 10633480 on 04/23/2006

Substitute for form 1449A/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/633,480
(Use as many sheets as necessary)				Filing Date	September 15, 2003
				First Named Inventor	Kiyoshi Honda
				Art Unit	2189
				Examiner Name	Christian Chase
Sheet	2	of	4	Attorney Docket Number	26869T-001400US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JK	36	2002/0133735	09-19-2002	McKean et al.	
	37	8,448,175	09-03-2002	West et al.	
	38	2002/0112113	08-15-2002	Karpoff et al.	
	39	2002/0103889	08-01-2002	Markson et al.,	
	40	2002/0087544	07-04-2002	Selkirk et al.	
	41	2002/0065884	05-30-2002	Hartsell et al.	
	42	2002/0029326	03-07-2002	Reuter et al	
	43	2002/0026558	02-28-2002	Reuter et al	
	44	2002/0019908	02-14-2002	Reuter et al.	
	45	2002/0019920	02-14-2002	Reuter et al	
	46	2002/0019922	02-14-2002	Reuter et al	
	47	2002/0019923	02-14-2002	Reuter et al	
	48	8,341,329	01-22-2002	LeCrone et al.	
	49	8,247,103	08-12-2001	Kem et al.	
	50	8,247,099	08-12-2001	Skazinski et al.	
	51	8,185,730	02-27-2001	West	
	52	8,173,374	01-09-2001	Heil et al.	
	53	8,012,123	01-04-2000	Pecone et al.	
	54	5,917,723	08-29-1999	Binford	
	55	5,895,495	04-20-1999	Loeschel et al.	
	56	5,870,537	02-09-1999	Kem et al.	
	57	5,880,590	10-21-1997	Beardsley et al.	
	58	5,504,982	04-02-1996	Chai et al.	
	59	5,459,857	10-17-1995	Ludlam et al.	
	60	5,409,465	04-19-1995	Gusella et al.	
JK	61	5,155,845	10-13-1992	Beal et al.	

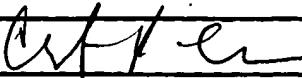
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures	T ⁶
		Country Code ³	Number ⁴	Kind Code ^{5 (if known)}			
JK	62	PCT	WO03/023840	03-20-2003	Sanrad		<input type="checkbox"/>
	63	JP	2002-230246	08-18-2002	Hitachi Ltd.		abstract only
JK	64	JP	2002-157091	05-31-2002	Hitachi Ltd.		abstract only

Examiner Signature	<i>JK</i>	Date Considered	6/4/06
--------------------	-----------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
Sheet	3	of	4	Attorney Docket Number	26869T-001400US
				Application Number	10/633,480
				Filing Date	September 15, 2003
				First Named Inventor	Kiyoshi Honda
				Art Unit	2189
				Examiner Name	Christian Chase

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
CK	65	JP	2001-067187		03-16-2001	Hitachi Ltd.	abstract only
	66	JP	2000-293317		10-20-2000	Hitachi ltd.	abstract only
C	67	JP	09-288547		11-04-1997	Hitachi Information Technology	abstract only

Examiner Signature		Date Considered
		6/4/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

60733794 v1

Copied from 10633480 on 04/26/2006

Substitute for form 1449B/PTO				Complete If Known	
				<i>Application Number</i>	10/633,480
				<i>Filing Date</i>	September 15, 2003
				<i>First Named Inventor</i>	Kiyoshi Honda
				<i>Art Unit</i>	2189
				<i>Examiner Name</i>	Christian Chase
Sheet	4	of	4	<i>Attorney Docket Number</i>	26869T-001400US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>CJC</i>	68	"Celerra Data Migration Service (CDMS)," White Paper, EMC Corporation Hopkinton, MA (January 2002).	<input type="checkbox"/>
	69	"Data Migration Solution Transferring Data Between Storage Systems over Fibre-channel or SCSI Connections," SANRAD Application Note: APP-003-03, SANRAD Inc. San Mateo, CA (2003).	<input type="checkbox"/>
	70	"Migrating Individual Servers to an iSCSI SAN," SANRAD Application Note:APP-004-01, SANRAD Inc. San Mateo, CA (2003).	<input type="checkbox"/>
	71	"Network Attached Storage in the Data Protection Environment," Sony Electronics Inc. (Feb. 2002).	<input type="checkbox"/>
	72	ANDERSON et al. "Hippodrome: Running Circles Around Storage Administration," Proceedings of the 1st USENIX Conference on File and Storage Technologies (January 2002).	<input type="checkbox"/>
	73	SARKAR et al. "Internet Protocol storage area networks," IBM Systems Journal 42: 218-231 (2003).	<input type="checkbox"/>
	74	SICOLA "SCSI-3 Fault Tolerant Controller Configurations Utilizing SCC & New Event Codes," T10 Committee of the International Committee on Information Technology Standards (INCITS), X3T10 95 (October 1995).	<input type="checkbox"/>

Examiner Signature	<i>CJC</i>	Date Considered	6/4/06
--------------------	------------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.